

SEPTEMBER

at the

CALIFORNIA ACADEMY OF SCIENCES

SEPTEMBER MEETING

Date: Monday, September 5, 8:15 p.m.
Place: Morrison Auditorium
Speaker: John E. Taft
Subject: "THE SHANDON HILLS"

You will follow the route of the four seasons through this little-known area of central California in the first of the 1960-61 series of Audubon Screen Tours.

Four years in the making, this film of rare beauty captures the drama of wintering migrants, glimpses the spring nesting aerie of the golden eagle, follows summer across the lonely, harsh, rolling land, and records the flight of dowitchers, ducks and sandhill cranes as they return from their long journey to the Arctic.

Mr. Taft has owned a motion picture camera since he was thirteen and by sixteen had made his first full-length wildlife film. "The Shandon Hills" was a joint effort with Mr. Eben McMillan, a long-time member and collaborator of the Academy. (Members and guests)

MORRISON PLANETARIUM

"PACIFIC FESTIVAL OF STARS" begins September 6 and extends through September 18. A fascinating look at the lore and legends surrounding the stars over the Pacific. Performances daily, Tuesday through Sunday, at 3:30 and 8:30 p.m. with an extra matinee performance at 2:00 on Saturdays and Sundays. No evening performance on Tuesday. "PLANETARIUM ON PARADE" begins September 20 and offers you the "inside magic" of your Theatre of the Stars. (Adults, 75¢, Juniors, 40¢)

SPECIAL EXHIBITS

"THE ALASKAN ESKIMO", a retrospective look at artifacts and objets d'art collected by the late Mr. Arnold Liebes during the early part of the Twentieth Century, will be on display in Lovell White Hall of Man and Nature from September 4 through October 31. The collection was a gift to the Academy from Mrs. Liebes.

"SCIENCE IN ACTION"

Monday nights, 7:00 p.m., KRON-TV, Channel 4
Sept. 12: "Soft Lunar Landing", with Guest Scientist Dr. Fred Adler, Hughes Aircraft Co.
Sept. 19: "Modern Forest Management", with Robert Grundman, Union Lumber Company.
Sept. 26: "The Story of NORAD", with General of the Air Force, Laurence Kuter and special guests.

NEWS and NOTES

The Academy has done it again! All records for yearly attendance have been broken with 2,598,291 persons visiting the Academy during the year 1959-1960, an increase of 242,119 persons over the previous year when 2,356,172 persons visited the Science Museum, Morrison Planetarium and Steinhart Aquarium. Percentage-wise, this represents an increase of 10.3 per cent.

It is interesting to note that in 1939, the attendance was 1,474,213, and a decade later, in 1949, 2,039,686.

In an earlier, different survey conducted to determine the home city and state of the Academy's visitors, the following figures proved unequivocally that the Academy is the Bay Area's #1 Tourist Attraction:

	Per cent visitors:
San Francisco	5.94%
Bay Area (100 mile radius)	10.01
California	50.21
Western States	11.16
Eastern States	16.80
Foreign (Outside U.S.)	5.88

Interesting, what?

Despite unforeseen delays which have occurred, the rehabilitation of Steinhart Aquarium is coming closer and closer to an actual start. The most recent hitch in progress has been resolved by a shifting of part of the funds from a pipeline appropriation to an Aquarium building appropriation.

Other aquaria have successfully used infiltration wells at the edge of the beach in order to supply the sea water needed for the salt-water tanks. Fortunately, it was discovered through test borings made at the Pacific edge of Golden Gate Park that Steinhart could use such a system. This conclusion saved over two miles in the length of pipeline as well as eliminating a necessarily expensive pier for the intake of sea water.

By shifting the monies "saved" from the pipeline fund to the Aquarium building fund, it is now barely possible to cover the construction bids. Upon final approval by San Francisco's Board of Supervisors, actual construction could begin in approximately six weeks.

Recent distinguished visitors to the Academy included Dr. Abdel Razag El Mubarak, a physician in the Ministry of Health, Khartoum, Sudan, who is making a tour of the United States under the auspices of the State Department.

Also visiting the Academy was Dr. Francois Bourlière, a Professor of Medical Biology at his alma mater, the University of Paris.

On September 28 at 7:30 p.m., the Astronomy Section of the Academy will hold its initial fall meeting. O. Richard Norton, Assistant Manager of Morrison Planetarium, will be in charge of the monthly meetings which are planned for the last Wednesday of each month.

The beginning sessions will be devoted to a general survey of astronomy. Subsequently, visiting astronomers will give individual lectures and there will be film showings as well as sessions at the telescope.

Members of the Academy and their guests are invited to take part in the activities of the Section. The monthly meetings will be held in the Student Section Classroom at the Academy.

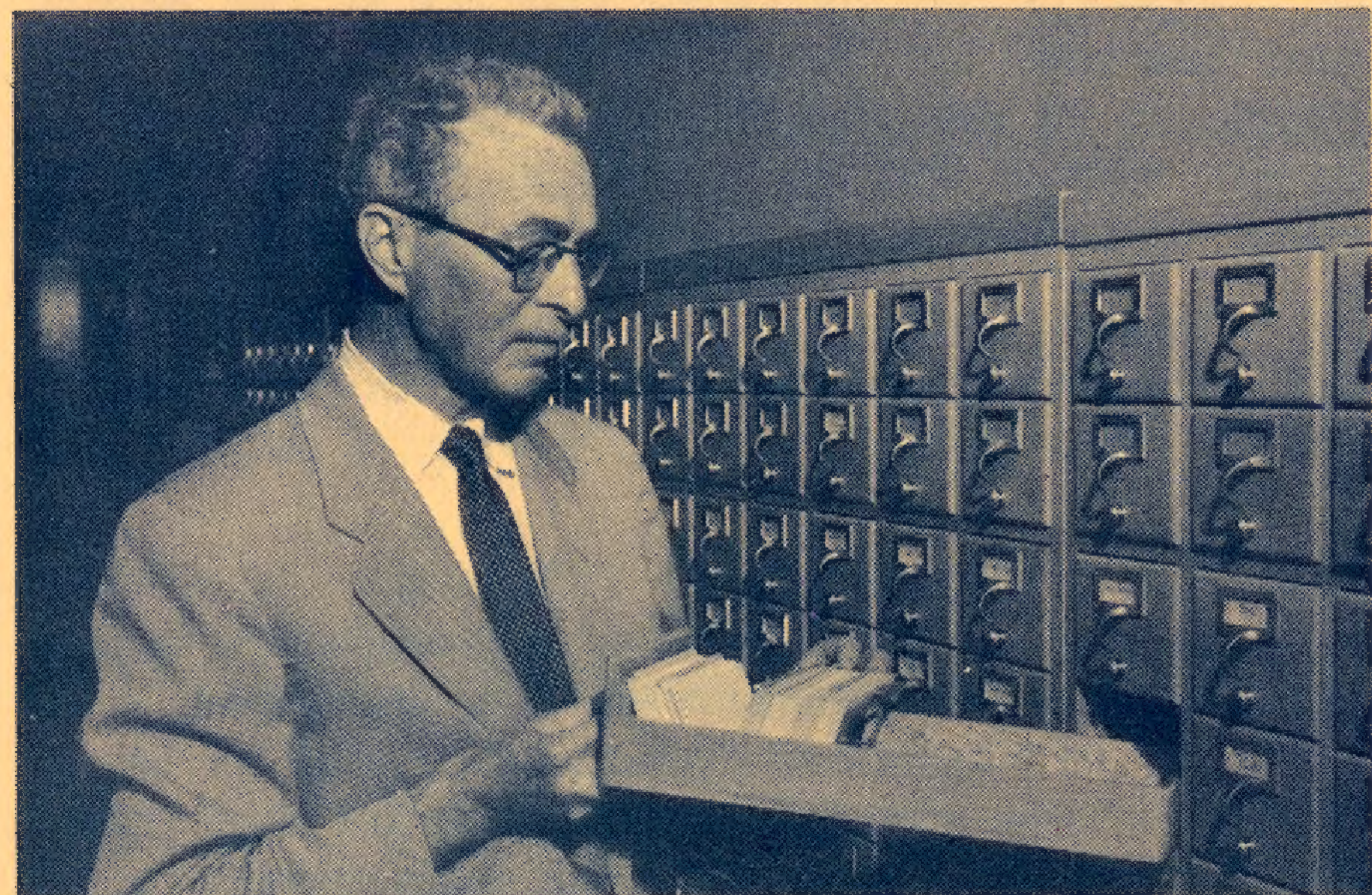
Even on holiday, entomologists never cease working. Hugh Leech, Associate Curator in the Department of Entomology, returned on August 8 from his supposed summer vacation which took him north to the Oregon border by a roundabout way through Mendocino, Trinity and Shasta National Forests, but he returned with plenty of evidence that he was collecting all during the trip.

Two days prior to his return, Dr. and Mrs. Edward S. Ross, Paul Arnaud, David Rentz (all connected with the Entomology Department), and H. Vannoy Davis, whose name is familiar to Academy members as a fine color photographer, left for the western plateau region of Mexico for a combination vacation and collecting trip lasting approximately three weeks.

A further significant acquisition for the Academy's old map collection has been made with the purchase of a map of early California, published in 1825, entitled "Plano de la Bahia de Monterey". The map, purchased with money from the Susanna Bixby Bryant Memorial Book Fund, was charted by the

(More NEWS AND NOTES on reverse.)

Meet the Staff



IGNATIUS MCGUIRE, Associate Librarian in the Mailliard Library, has been connected with the Academy staff over a total period of 47 years. When still in grammar school, he was employed to assist Alice Eastwood in her extra-curatorial duties as Academy Librarian while the Library was still housed in its temporary quarters on Sansome Street.

After the Academy was moved to Golden Gate Park, he assisted in establishing the Steinhart Aquarium Library. Subsequently, in 1927, he was named Assistant Librarian, but left the Academy the following year for a position with the Guyot Library of Geology and Biology at Princeton University.

Ignatius returned to the Academy Library in 1935 to serve as a member of the staff under Veronica Sexton, the Academy's present Librarian. Later, he accepted a position as bibliographer with the Army Medical Library in Washington, D.C. where he remained until 1947, when he returned to his native state to become librarian of the Line School at the U.S. Naval Postgraduate School at Monterey.

The pull to the Academy remained strong however and he returned again in 1955. This record of association, coupled with his having been made a member of the Academy in 1915, is a distinction shared by few.

Travel and more travel has occupied much of his time -- to Europe and the Orient (not once, but twice), and to Australia, as well as countless crossings of the American continent.

He is devoted to his work, to music, and to good restaurants - in that order. His son, Robert, is a successful draftsman for the United States Navy.

NEWS AND NOTES (Cont'd)

Spanish Navy and shows not only the Monterey Bay Region, but includes the Santa Lucia mountains, long a favorite collecting area for Alice Eastwood in her early search for botanical prizes. This area is also of prime interest to the present Curator of the Botany Department, John Thomas Howell.

And while speaking of Mr. Howell, it will be of interest to mention the fact that the summer issue of LEAFLETS OF WESTERN BOTANY features an unusual and provocative article by Theodore M. Barkley on Senecio integerrimus, the group commonly referred to as Groundsels and Ragworts. This particular issue of LEAFLETS was made possible, in part, by income from the Lena Gibbs and Ida Bourne Fund within the Department of Botany. LEAFLETS may be ordered from the Botany Department at a cost of 50¢. Yearly subscription rate, four issues, \$2.00.

The National Science Foundation has awarded a grant of \$16,900 to the Academy's Department of Amphibians and Reptiles for a reorganization of its collection.

Also, Dr. Alan E. Leviton, Assistant Curator (in charge) of the Department, has been provided with \$600 by the American Philosophical Society of Philadelphia to enable him to visit museums in the eastern United States for an examination of various collections of Philippine reptiles in order that he may complete his study of snakes of that area.

"Popular Astronomy", a 13-week course in elementary astronomy, is being offered by the Astronomy Department, beginning Tuesday, September 13 at 7:30 p.m. George Bunton and O. Richard Norton of the Planetarium staff will conduct the two-hour session in Morrison Planetarium. No previous knowledge of astronomy is necessary. Registration will take place at the first three meetings and the fee for the 13-week course is \$15.00.

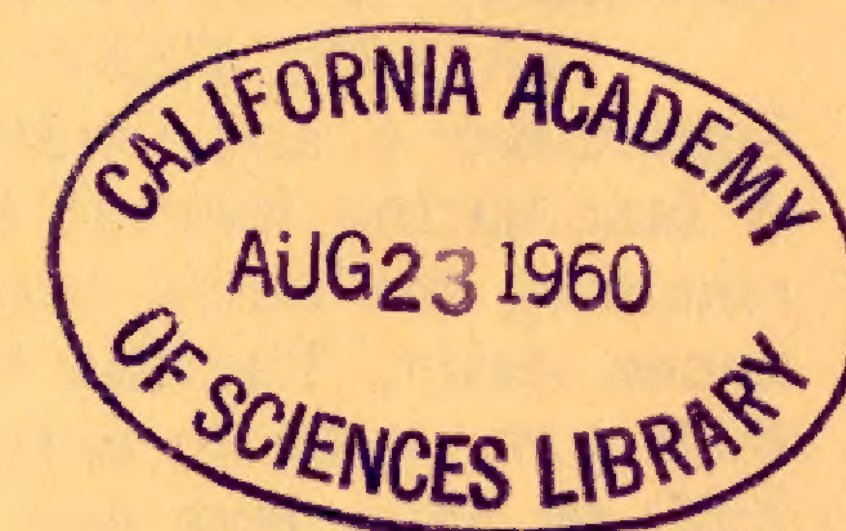
THE CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK
SAN FRANCISCO 18

Open every day of the year
10:00 a.m. to 5:00 p.m.

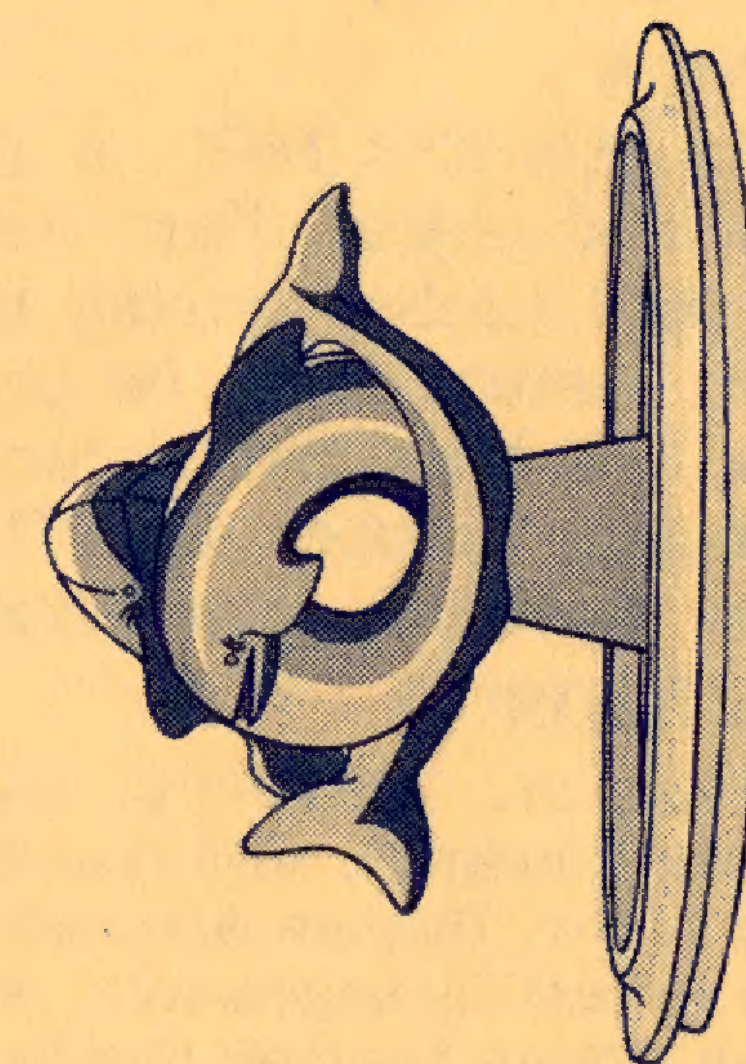
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